Pairwise (k, μ)-Distances of Labeled Directed Acyclic Graphs

- kmu-measures.py contains the code to compute pairwise (k, μ)-distances of a set of labeled directed acyclic graphs stored in an input json file.
- kmufunctions.py contains the required functions to run the code in kmu-measures.py.
- 255DAGs.json is a sample input file containing the list of all 255 DAGs used for our clustering experiment in the paper.
- A directed acyclic graph G in an input file needs to be represented as $[A, B]$, where A is the list of nodes in G with their labels, and B is the list of edges of G. Furthermore, each node $v \in V(G)$ is represented as $[v, a_1, .., a_{|\ell(v)|}]$, where $\ell(v) = \{a_1, ..., a_{|\ell(v)|}\}$. Note that v must be in the first position of the array. In addition, each edge from $v \in V(G)$ to $u \in V(G)$ is represented as $[v, u]$.